

Publication number: JP2001086353

Publication date: 2001-03-30

Inventor: ISHIZAKI HIROMI

Applicant: RICOH KK

Classification:

- international: H04N1/60; G06T1/00; H04N1/46; H04N1/60; G06T1/00; H04N1/46; (IPC1-7): H04N1/60

- European:

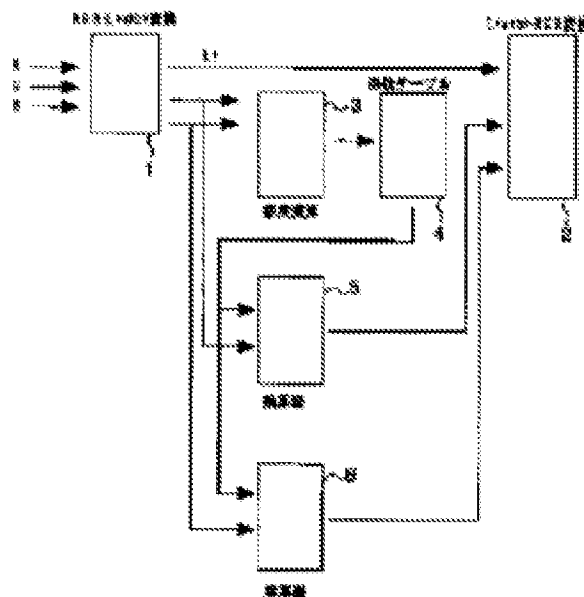
Application number: JP19990257873 19990910

Priority number(s): JP19990257873 19990910

Report a data error here

PROBLEM TO BE SOLVED: To provide an image-processing method capable of easily increasing saturation, while suppressing coloring of an achromatic color part.

SOLUTION: This image processors for increasing saturation of an inputted image signal is provided with an RGB-L*a*b* conversion circuit 1, which transforms the inputted image signal into the coordinate system of a different color space, a saturation arithmetic circuit 3 which calculates saturation from a converted image signal, 1st and 2nd multipliers 5 and 6 which multiply the image signal that has been subjected to saturation calculation by a prescribed coefficient, a coefficient table 4 setting saturation variation quantity according to the prescribed coefficient and an L*a*b*-RGB conversion circuit 2, which converts operation results of the multipliers 5 and 6 into the original coordinate system. Then, the table 4 adjusts an image signal with a saturation area that is close to an achromatic color, so as not to increase saturation when adjusting saturation variation quantity.



Data supplied from the **esp@cenet** database - Worldwide